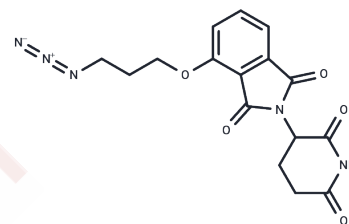


Thalidomide-O-C3-azide

Chemical Properties

CAS No. :	2758432-00-5
Formula:	C ₁₆ H ₁₅ N ₅ O ₅
Molecular Weight:	357.32
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Thalidomide-O-C3-azide is a chemically modified version of the cereblon (CRBN) inhibitor Thalidomide through click chemistry. It features an azido group, enabling copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with alkyne-containing molecules. Thalidomide-O-C3-azide serves as a ligand for E3 ubiquitin ligase and a component in E3 Ligase Ligand-Linker Conjugates, facilitating the synthesis of PROTACs.
Targets(IC50)	E3 Ligase Ligand-Linker Conjugates

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7986 mL	13.9931 mL	27.9861 mL
5 mM	0.5597 mL	2.7986 mL	5.5972 mL
10 mM	0.2799 mL	1.3993 mL	2.7986 mL
50 mM	0.056 mL	0.2799 mL	0.5597 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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